



able to find a function $f(x,y,t) \rightarrow temp$

found by telling known information, and explain

hindright or predict future.

NOK: our model can be falsified

(" like new evidence)

helps unity + differentiate

ANCEDS TO BE FALSIFIABLE TO Be KNOWLEGGE.

Suppose we have triples of into governed by the rule. if we ask HI WE MAKE CALCULATED REQUESTS.

- " note: a set of examples doesn't always represent one rule
- ·note: where are infinite rules for finite examples.

"> WE PREFER . SIMPLER . MODELS.

POSITIVE EXAMPLES:

expect pos. result under hypothesis NEGATIVE EXAMPLES ;

expecting, result under hypothesis



BENEFIT OF NEW EXAMPLES.

bras: unwilling to try

I = set of all possible examples THIS KIND OF YENN DIRGRAM SHOWS THE

find unknown interval u . USL tightest fit on. pos. examples &

IN THIS KIND OF PROBLEM WE MUST DEFINE REMSONABLY. CLOSE & maybe. U! had error rath at most & w/ probability P

Pr (X & T, U